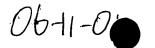
|             | L                                       |
|-------------|---|
|             | Please type a plus sign (+) inside this |
| ⋧≣₿         | Under the Paperwork Reduction Act of 19 |
|             | 1 |
| ⋧≣₹         | : UTILI                                 |
| <b>三重</b> : | PATENT APP                              |



Approved for use through 10/31/2002. OMB 0651-0032 U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE 995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

## TY PLICATION **TRANSMITTAL**

Attorney Docket No. 3278.2US James N. Herron et al. DIAGNOSTIC DEVICE AND METHOD

First Inventor

| 7                    | (Only for new nonprovisional applications under 37 CFR 1.53(b))   | Express Mail Label No. EL740535524US  |  |  |  |
|----------------------|---|---|--|--|--|
|                      | APPLICATION ELEMENTS  | ADDRESS TO: Assistant Commissioner for Patents Box Patent Application   |  |  |  |
| - 1                  | See MPEP chapter 600 concerning utility patent application contents.  | Washington, DC 20231  |  |  |  |
|                      | Fee Transmittal Form (e.g., PTO/SB/17) (Submit an original and a duplicate for fee processing)  Applicant claims small entity status.               | 7. CD-ROM or CD-R in duplicate, large table or Computer Program (Appendix)  |  |  |  |
| ١                    | 2: X Applicant claims small entity status. See 37 CFR 1.27.   | 8. Nucleotide and/or Amino Acid Sequence Submission (if applicable, all necessary)  |  |  |  |
|                      | 3! X Specification [Total Pages 39]  (preferred arrangement set forth below)  | a. Computer Readable Form (CRF)   |  |  |  |
|                      | <ul> <li>Descriptive title of the invention</li> <li>Cross Reference to Related Applications</li> </ul>   | b. Specification Sequence Listing on:   |  |  |  |
| - 1                  | <ul> <li>Statement Regarding Fed sponsored R &amp; D</li> </ul>   | i. U CD-ROM or CD-R (2 copies); or 80   |  |  |  |
| ı                    | - Reference to sequence listing, a table,   | i i. paper  |  |  |  |
| 1                    | or a computer program listing appendix - Background of the Invention  | c. Statements verifying identity of above copies  |  |  |  |
|                      | - Brief Summary of the Invention  | ACCOMPANYING APPLICATION PARTS  |  |  |  |
|                      | - Brief Description of the Drawings (if filed)  |   |  |  |  |
| =                    | <ul><li>Detailed Description</li><li>Claim(s)</li></ul>   | 9. Assignment Papers (cover sheet & document(s)) 37 CFR 3 73(b) Statement Power of  |  |  |  |
|                      | - Abstract of the Disclosure  | 10. 37 CFR 3.73(b) Statement Power of Attorney  |  |  |  |
| ₽                    |   | 11. English Translation Document (if applicable)  |  |  |  |
|                      | 4. X Drawing(s) (35 U.S.C. 113) [Total Sheets 16]   | 12 X Information Disclosure Copies of IDS   |  |  |  |
| 7                    | 5. Oath or Declaration [Total Pages 6]  | Statement (IDS)/PTO-1449  |  |  |  |
| Ų                    | a. Newly executed (original or copy)  | 13. Preliminary Amendment   |  |  |  |
| H                    | b. X Copy from a prior application (37 CFR 1.63 (d)) (for continuation/divisional with Box 18 completed)  | 14. X Return Receipt Postcard (MPEP 503) (Should be specifically itemized)  |  |  |  |
| <u> </u>             | i. DELETION OF INVENTOR(S) Signed statement attached deleting inventor(s)   | 15. Certified Copy of Priority Document(s) (if foreign priority is claimed)   |  |  |  |
| =                    | named in the prior application, see 37 CFR  | Request and Certification under 35 U.S.C. 122   |  |  |  |
| ::  <br>=;           | 1.63(d)(2) and 1.33(b).   | (b)(2)(B)(i). Applicant must attach form PTO/SB/35 or its equivalent.   |  |  |  |
|                      | 6 Application Data Sheet. See 37 CFR 1.76   | 17. Other:  |  |  |  |
| =                    |   |   |  |  |  |
| # HP 455 45.4 551 4P | 18. If a CONTINUING APPLICATION, check appropriate box, and supportion in an Application Data Sheet under 37 CFR 1.76:                              | ply the requisite information below and in a preliminary amendment,   |  |  |  |
|                      | X Continuation Divisional Continuation-in-part (CIP)  | of prior application No.: 09/839,778  |  |  |  |
|                      | Prior application information: Examiner   | Group Art Unit:   |  |  |  |
|                      | For CONTINUATION OR DIVISIONAL APPS only: The entire disclosure of the  | ne prior application, from which an oath or declaration is supplied under   |  |  |  |
|                      | Box 5b, is considered a part of the disclosure of the accompanying conting The incorporation can only be relied upon when a portion has been inadve | nuation or divisional application and is hereby incorporated by reference.  Pertently omitted from the submitted application parts. |  |  |  |
|                      | 19. CORRESPOND  |   |  |  |  |
|                      |   |   |  |  |  |
|                      | X Customer Number or Bar Code Label (Insex) @u  | or Correspondence address below   |  |  |  |
|                      | Name 24247  |   |  |  |  |
|                      | PATENT TRADEMARK  | OFFICE  |  |  |  |
|                      |   |   |  |  |  |
|                      | Address   |   |  |  |  |
|                      | City  | State Zip Code  |  |  |  |
|                      | Country Tele  | ephone Fax  |  |  |  |
|                      | Name (Print/Type) Milen C. Zurner   | Registration No. (Attorney/Agent) 33,041  |  |  |  |
|                      | Signature Mids - GWC 156. NO.   | 38,581 Date 06/08/01  |  |  |  |
|                      |   |   |  |  |  |

Burden Hour Statement: This form is estimated to take 0.2 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Box Patent Application, Washington, DC 20231.

PTO/SB/17 (11-00)

Approved for use through 10/31/2002. OMB 0651-0032

U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

440.00

| FEE | TR  | AN | SMI | T | TAL | - |
|-----|-----|----|-----|---|-----|---|
| •   | for | FY | 200 | 1 |     |   |

Patent fees are subject to annual revision.

TOTAL AMOUNT OF PAYMENT

(\$)

| Co                   | Complete if Known      |  |  |  |
|----------------------|------------------------|--|--|--|
| Application Number   |                        |  |  |  |
| Filing Date          | June 8, 2001           |  |  |  |
| First Named Inventor | James N. Herron et al. |  |  |  |
| Examiner Name        |                        |  |  |  |
| Group Art Unit       |                        |  |  |  |
| Attorney Docket No.  | 3278.2US               |  |  |  |

|      | METHOD OF PAYMENT  | FEE CALCULATION (continued)  |               |  |  |  |
|------|--|--|---------------|--|--|--|
|      | 1. X  The Commissioner is hereby authorized to charge indicated fees and credit any overnayments to: | 3. ADDITIONAL FEES   |               |  |  |  |
|      | indicated fees and credit any overpayments to:   | Large Small  |               |  |  |  |
|      | Account  | Entity Entity Fee Fee Fee Fee Fee Pescription Fee  | Daid          |  |  |  |
|      | Number 20-1469   | Fee Fee Fee Fee Fee Description Fee Code (\$)  | Paid          |  |  |  |
|      | Deposit<br>Account<br>Name Trask Britt   | 105 130 205 65 Surcharge - late filing fee or oath                                       |               |  |  |  |
|      | X Charge Any Additional Fee Required Under 37 CFR 1.16 and 1.17                                      | 127 50 227 25 Surcharge - late provisional filing fee or cover sheet                     |               |  |  |  |
|      | Applicant claims small entity status.  | 139 130 139 130 Non-English specification  |               |  |  |  |
|      | See 37 CFR 1.27  | 147 2,520 147 2,520 For filing a request for ex parte reexamination                      |               |  |  |  |
|      | 2. X Payment Enclosed: X Check Credit card Money Other   | 112 920* 112 920* Requesting publication of SIR prior to Examiner action                 |               |  |  |  |
|      | FEE CALCULATION  | 113 1,840* 113 1,840* Requesting publication of SIR after Examiner action                |               |  |  |  |
| ₩,   | 1. BASIC FILING FEE  | 115 110 215 55 Extension for reply within first month                                    |               |  |  |  |
| 1. m | Large Entity Small Entity  | 116 390 216 195 Extension for reply within second month                                  |               |  |  |  |
|      | Fee Fee Fee Fee Description  | 117 890 217 445 Extension for reply within third month                                   | $\dashv$      |  |  |  |
| (ji  | (V) (V)  | 118 1,390 218 695 Extension for reply within fourth month                                |               |  |  |  |
| 14   | 101 710 201 355 Utility filing fee 355 106 320 206 160 Design filing fee                             | 128 1,890 228 945 Extension for reply within fifth month                                 |               |  |  |  |
| I    | 107 490 207 245 Plant filing fee 0   | 119 310 219 155 Notice of Appeal   | $\overline{}$ |  |  |  |
| :    | 108 710 208 355 Reissue filing fee 0   | 120 310 220 155 Filing a brief in support of an appeal                                   |               |  |  |  |
|      | 114 150 214 75 Provisional filing fee 0  | 121 270 221 135 Request for oral hearing   |               |  |  |  |
| II   |  | 138 1,510 138 1,510 Petition to institute a public use proceeding                        |               |  |  |  |
|      | SUBTOTAL (1) (\$) 355.00   | 140 110 240 55 Petition to revive - unavoidable  | $\dashv$      |  |  |  |
| ID   | 2. EXTRA CLAIM FEES  | 141 1,240 241 620 Petition to revive - unintentional                                     |               |  |  |  |
|      | Fee from Ext <u>ra Claims below</u> <u>Fee Paid</u>  | 142 1,240 242 620 Utility issue fee (or reissue)   |               |  |  |  |
| 1=   | Total Claims 25 -20** = 5 X 9 = 45   | 143 440 243 220 Design issue fee   |               |  |  |  |
|      | Independent $\frac{4}{3}$ - 3** = $\frac{1}{1}$ X $\frac{40}{40}$ = $\frac{40}{1}$                   | 144 600 244 300 Plant issue fee  | $\dashv$      |  |  |  |
|      | Multiple Dependent 0 = 0   | 122 130 122 130 Petitions to the Commissioner  |               |  |  |  |
|      |  | 123 50 123 50 Processing fee under 37 CFR 1.17(q)  | -             |  |  |  |
|      | Large Entity Small Entity Fee Fee Fee Fee Fee Description  | 126 180 126 180 Submission of Information Disclosure Stmt                                |               |  |  |  |
|      | Code (\$) Code (\$)<br>103 18 203 9 Claims in excess of 20   | 581 40 581 40 Recording each patent assignment per property (times number of properties) |               |  |  |  |
|      | 102 80 202 40 Independent claims in excess of 3  | 146 710 246 355 Filing a submission after final rejection<br>(37 CFR § 1.129(a))         |               |  |  |  |
|      | 104 270 204 135 Multiple dependent claim, if not paid  | 149 710 249 355 For each additional invention to be                                      |               |  |  |  |
|      | 109 80 209 40 ** Reissue independent claims over original patent                                     | examined (37 CFR § 1.129(b))   |               |  |  |  |
|      | 110 18 210 9 ** Reissue claims in excess of 20   | 179 710 279 355 Request for Continued Examination (RCE)                                  |               |  |  |  |
|      | and over original patent   | 169 900 169 900 Request for expedited examination of a design application                |               |  |  |  |
|      | SUBTOTAL (2) (\$) 85.00  | Other fee (specify)  |               |  |  |  |
|      | **or number previously paid, if greater, For Reissues, see above                                     | *Reduced by Basic Filing Fee Paid SUBTOTAL (3) (\$)                                      |               |  |  |  |

| SUBMITTED BY      |                |                                      | Complete (ii | Complete (if applicable) |               |
|-------------------|----------------|--------------------------------------|--------------|--------------------------|---------------|
| Name (Print/Type) | Prick G. Pawer | Registration No.<br>(Attorney/Agent) | 38,581       | Telephone                | (801)532-1922 |
| Signature         | bridestone     |                                      |              | Date                     | 06/08/2001    |

WARNING: Information on this form may become public. Credit card information sh  $\ uld\ n\ t$ b included n this form. Provide cr dit card information and authorizati n on PTO-2038.